

Listing of the Claims:

1. (Currently Amended) In a galvanizing device having at least one jet cell with electrolyte ~~circulating~~ pumped through under high pressure, through which a work piece to be galvanized is passed, the galvanizing device having a contact zone located after the jet cell in the direction of transportation and at least one partition separating the jet cell from the contact zone, and a seal surrounding the work piece, the improvement comprising:

the seal situated at the outlet of the jet cell to precisely align with an outer perimeter of the work piece and having a non-contact opening slightly larger than an outer perimeter of the work piece, so that electrolyte adhering to an outer perimeter of the work piece is stripped off without contact.

2. (Previously Presented) A galvanizing device in accordance with claim 1, wherein the outlet of the jet cell is furnished with a pre-baffle surrounding the outlet.

3. (Previously Presented) A galvanizing device in accordance with claim 2, wherein the pre-baffle acts as a mount for the seal.

4. (Previously Presented) A galvanizing device in accordance with claim 2, wherein the pre-baffle is a back-pressure creating pre-baffle, which slows the zinc electrolyte stream leaving the jet cell.

5. (Previously Presented) A galvanizing device in accordance with claim 3, wherein the seal is formed by a stripper plate held in place by static pressure of the electrolyte.

6. (Previously Presented) A galvanizing device in accordance with claim 5, wherein the work piece passes through the seal.

7. (Previously Presented) A galvanizing device in accordance with claim 2, wherein the pre-baffle is made of plastic.

8. (Previously Presented) A galvanizing device in accordance with claim 2, wherein the pre-baffle has an essentially cubic bowl shape.

9. (Previously Presented) A galvanizing device in accordance with claim 1, wherein the jet cell is configured to galvanize brake lines.

10. (Cancelled).

11. (Currently Amended) In a high speed galvanizing device having at least one jet cell with electrolyte pumped through at high pressure, through which a work piece to be galvanized is passed, the galvanizing device having a contact zone located after the jet cell in the direction of transportation and at least one partition separating the jet cell from the contact zone, and a seal surrounding the work piece, the improvement comprising:

a plastic pre-baffle chamber attached to and surrounding the outlet of the jet cell, the pre-baffle chamber having at least two opposing side walls with two coaxial openings formed in the opposing side walls of the chamber, the openings of sufficient size with respect to slightly larger than an outer dimension of the work piece to slow the high pressure electrolyte stream leaving the jet cell thereby creating back pressure within the jet cell; and

the seal located at the outlet of the jet cell and mounted on the pre-baffle chamber to precisely align with an outer perimeter of the work piece, the seal including a non-contact stripper plate having an opening slightly larger than an outer perimeter of the work piece and held in position against an inside surface of one of the two opposing side walls of the pre-baffle chamber by static pressure of the electrolyte, so that electrolyte adhering to the outer perimeter of the work piece is stripped off without contact thereby entraining less electrolyte into the contact zone and improving service life of the seal.